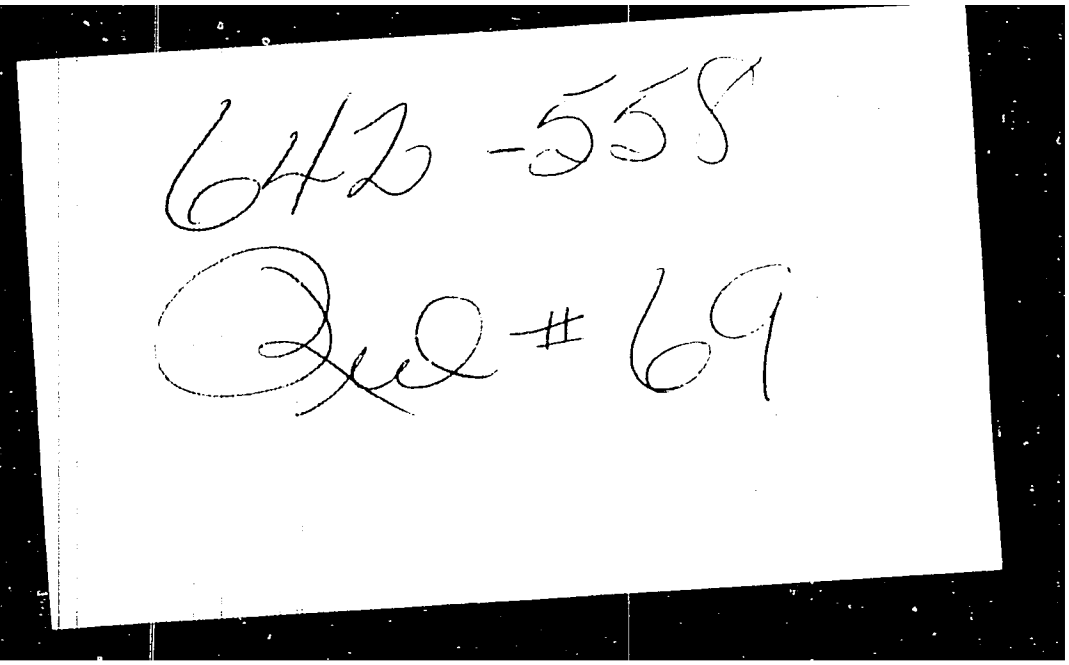
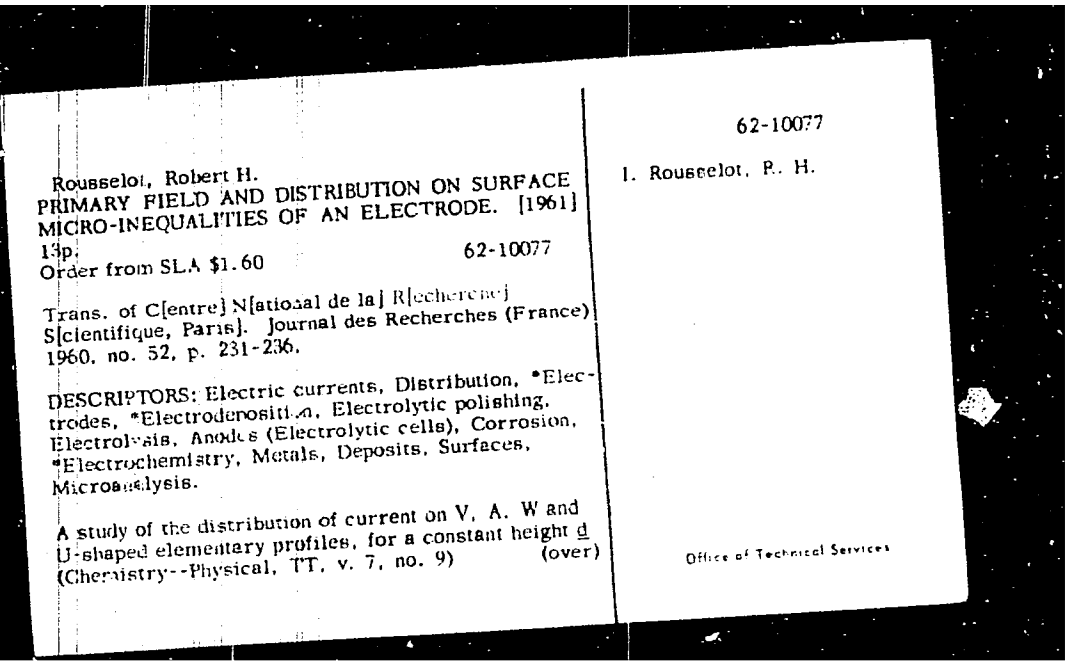
APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7



APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7



Rousselot, Robert H.
PRIMARY FIELD AND DISTRIBUTION ON SURFACE MICRO-INEQUALITIES OF AN ELECTRODE. [1961]
13p.
Order from SLA $1.60 62-10077

Trans. of C[entre] N[ational de la] R[echerche] S[cientifique, Paris]. Journal des Recherches (France) 1960. no. 52, p. 231-236.

DESCRIPTORS: Electric currents, Distribution, *Electrodes, *Electrodeposition, Electrolytic polishing, Electrolysis, Anodes (Electrolytic cells), Corrosion, *Electrochemistry, Metals, Deposits, Surfaces, Microanalysis.

A study of the distribution of current on V, A, W and U-shaped elementary profiles, for a constant height d (Chemistry--Physical, TT, v. 7, no. 9) (over)

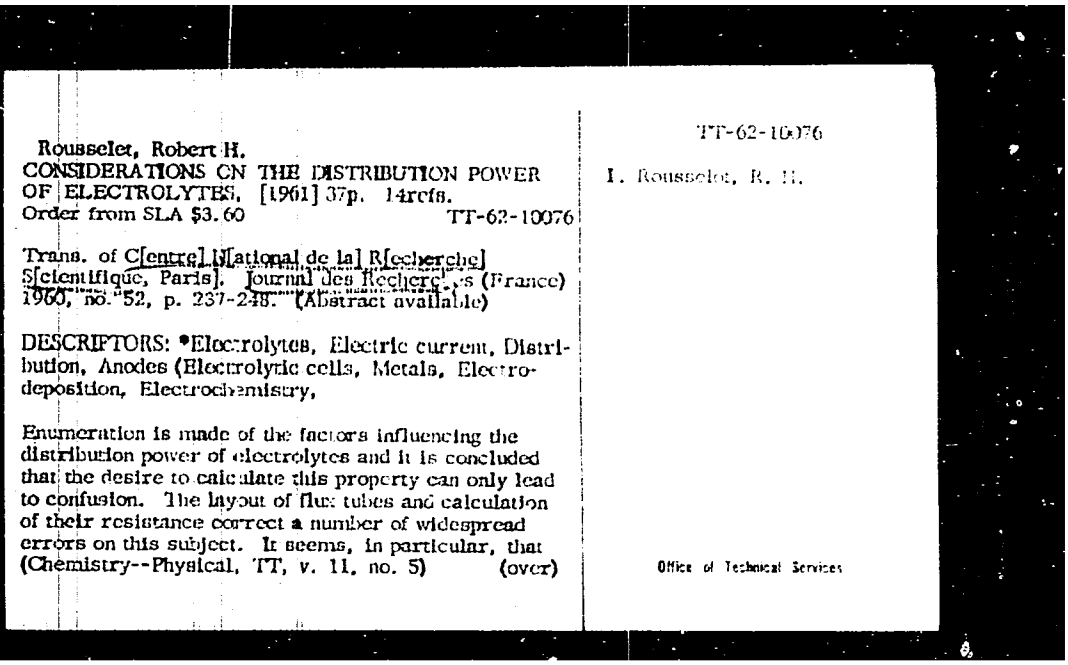
62-10077

I. Rousselot, R. H.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7



Rousselet, Robert H.
CONSIDERATIONS ON THE DISTRIBUTION POWER OF ELECTROLYTES. [1961] 37p. 14refs.
Order from SLA $3.60 TT-62-10076

Trans. of C[entre] N[ational de la] R[echerche] S[cientifique, Paris]. Journal des Recherches (France) 1960, no. 52, p. 237-248. (Abstract available)

DESCRIPTORS: *Electrolytes, Electric current, Distribution, Anodes (Electrolytic cells, Metals, Electrodeposition, Electrochemistry,

Enumeration is made of the factors influencing the distribution power of electrolytes and it is concluded that the desire to calculate this property can only lead to confusion. The layout of flux tubes and calculation of their resistance correct a number of widespread errors on this subject. It seems, in particular, that (Chemistry--Physical, TT, v. 11, no. 5) (over)

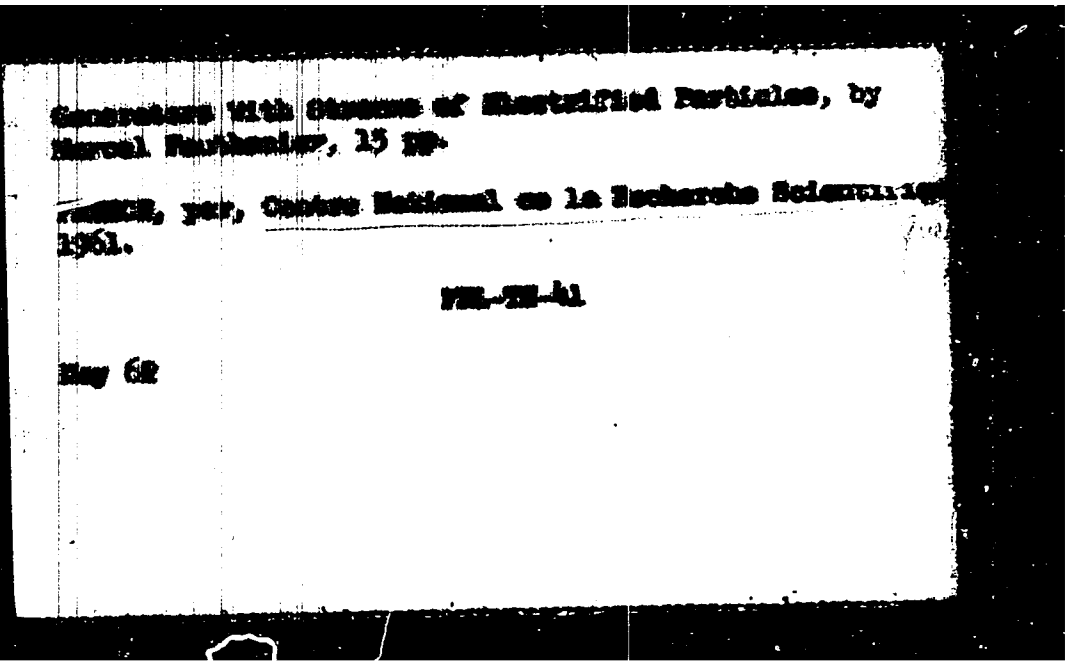
TT-62-10076

I. Rousselet, R. H.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7



Experiments With Glasses of Electrified Particles, by
Marcel Pautrat, 15 pp.

[illegible], per, Centre National de la Recherche Scientifique
1961.

FTD-TT-61

May 62

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

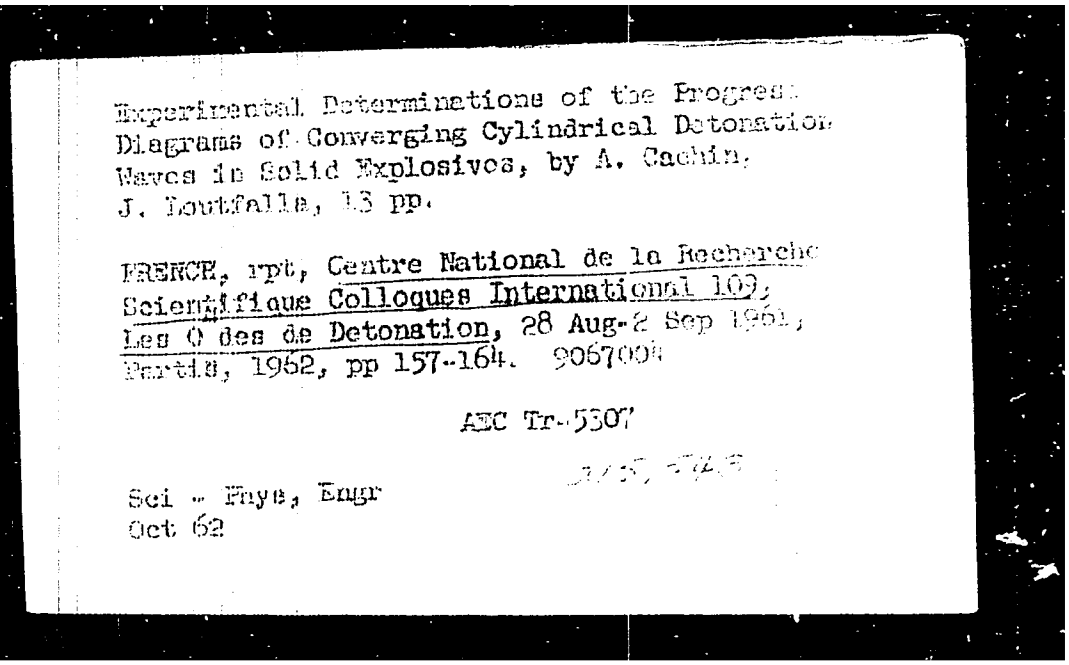
APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Contribution to the Study of Phosphatization of Ferrous Metals, by J. Saison. FRENCH, rpt, France. Centre National de la Recherches Scientifiques, Journal de Recherches, No 58, 1962, pp 79-101.
NTC-71-12318-11F

Nov 71

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7



Experimental Determinations of the Progress Diagrams of Converging Cylindrical Detonation Waves in Solid Explosives, by A. Cachin, J. Loutfalla, 13 pp.

FRENCH, rpt, Centre National de la Recherche Scientifique Colloques International 109, Les O des de Detonation, 28 Aug-2 Sep 1961, Paris, 1962, pp 157-164. 906700

AEC Tr-5307

Sci - Phys, Engr
Oct 62

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Use of Radiation of Bodies in Space in Order to Obtain a Considerable Reduction in Temperature, by Felix Trombe.

FRENCH, rpt, Centre National de la Recherche Scientifique, 3 Sep 1963*

*Navy/ONI

Sci - Phys
Oct 63

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Bridged T Quadripoles With Constant Characteristic
Impedance, by M. Bréant.
FRENCH, per, Centre nat.Étud.Télécomm., No [illegible]
1960, pp 1-[illegible]
CSIRO/No. 7708

Sci -
Sep 67

340,1[illegible]

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Operation Jonas, by G. R. Berritt.

FRENCH, per, Centre d'Oceanographie Pointe-Noire,

Bur Comm Fisheries Biol
Lab, Washington D.C.
(Loan)'

Sci
Sept 64

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Coking of Lorraine Coals, by R. Loison.

FRENCH, per, Centre de Perfectionnement Technique, 29 May 1952.

B. Coke R.A. 5 (3345)

British
The/Coke Research Association
Chesterfield
Derbyshire

Apr 60

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Psychological Problems in Adaptation of Small Groups of People Under Conditions of Isolation in Antarctic Polar Climate, by G. Soussen, 16 pp.

FRENCH, rpt, Centre Principal D'Expertise Medicale du Personnel Navigant de l'Aeronautique, Paris.

Navy Tr 3324 No 754

Sci - Biol & Med Sci
Mar 63

224,803

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

R-4519-D

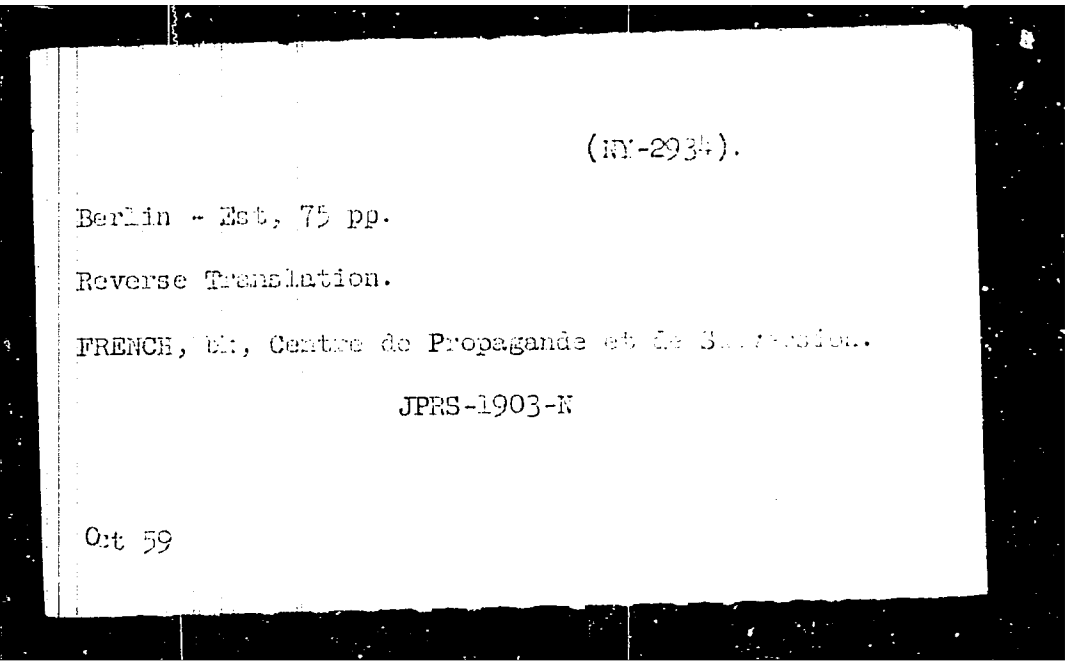
Sugar Diabetes and Navigation Personnel, by
M. Nicolas, J. Robion.
FRENCH, rpt, Centre Principal d'Expertise
Medicale du Personnel Navigant de l'Aeronautique
de Paris, 24 pp.

*JPRS/FTA

Oct 64

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7



(NY-2934).

Berlin - Est, 75 pp.

Reverse Translation.

FRENCH, Dir, Centre de Propagande et de [illegible].

JPRS-1903-N

Oct 59

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

---Plain Knit Fabric Geometry. Simplification of the Methods Used For Assessing Dimensional Stability, FRENCH, per Centre Recherche Bonneterie, No. 18, 1962, pp 35-54
CSIRO/No. 7969

Sci -
Aug 67

339-446

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Calculations of the Influence of Pairing Correlations in the E1 Transitions of Odd A Nuclei in the Rare Earth Region, by G. Monsonego, R. Piepenbring, 15 pp.
FRENCH, rpt, Centre de Recherches Nucleaires, Jan 1964. 9223484
AEC-UCRL-Tr-1081

Sci-Nucl Sci
Oct 64

267,598

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Huet, J.
CONTRIBUTION TO THE EXPERIMENTAL STUDY OF THE RHEOLOGICAL PROPERTIES OF FILLER-BITUMEN MIXTURES II. SHEAR, TENSILE AND COMPRESSION TESTS AND INFLUENCE OF THE PROPERTIES OF THE BINDER (Contribution a l'Etude Experimentale des Propriétés Rheologiques des Méianges Filler-Bitume. II. Essais de Cisaillement, de Traction, de Compression et Influence des Propriétés du Liant). [1962] [23]p. (foreign text included) (some figs. refs. omitted).
Order from SLA $2.60 63-10051

Partial trans. of Centre de Recherches Routières. Rapport de Recherche (Belgium) 1962, no. 103, p. 1-2, 6-9, 42-43, 45-47.

DESCRIPTORS: *Bitumens, *Igneous rock, Asphalt, Pavements, Deformation, Shear stresses, Tensile (Engineering--Civil, TT, v. 10, no. 2) (over)

63-10051

I. Huet, J.
II. Title: Shear ...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Chefdeville, Jean and Dawance, Guy.
THE USE OF ELECTRICAL RESISTANCE STRAIN GAUGES IN MEASURING DEFORMATIONS IN PLAIN AND REINFORCED CONCRETE. [1961] 29p.
Order from SLA $2.60 61-20029

Trans. from Centre Scientifique et Technique du Bâtiment [Paris]. Cahiers (France) 1950, v. 52, no. 5.

DESCRIPTORS: *Strain gages, Resistance, *Concrete, *Reinforced concrete, Deformation, Gages.

(Materials, TT, v. 7, no. 7)

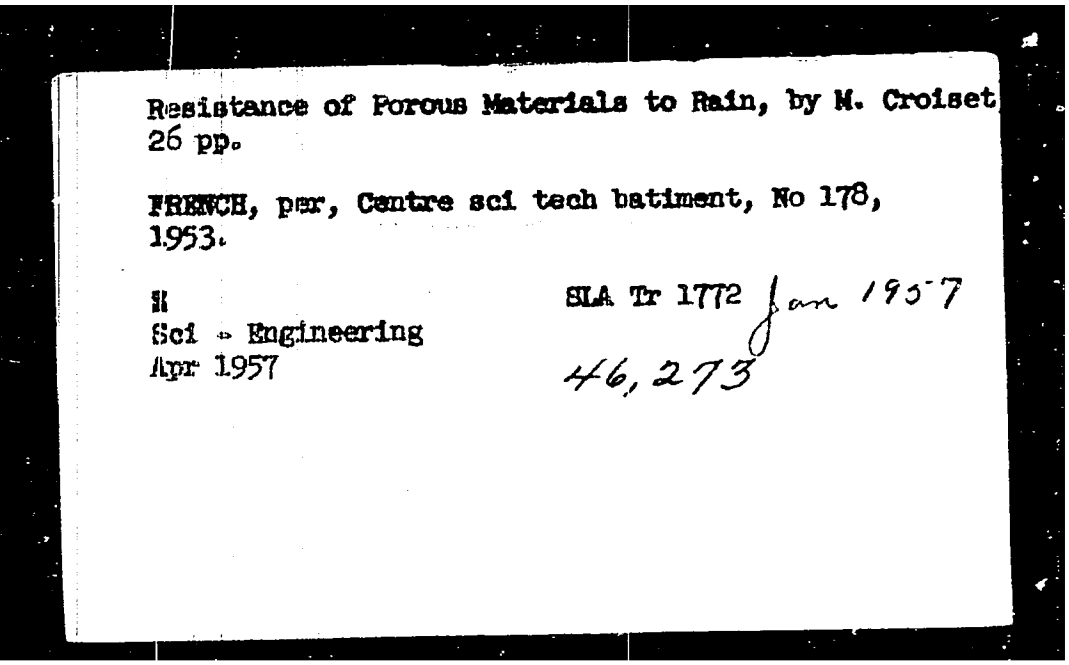
61-20029

I. Chefdeville, J.
II. Dawance, G.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7



Resistance of Porous Materials to Rain, by M. Croiset, 26 pp.

FRENCH, per, Centre sci tech batiment, No 178, 1953.

SLA Tr 1772 Jan 1957

46,273

SI
Sci - Engineering
Apr 1957

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

PRECAST CONCRETE BLOCK CHIMNEY UNITS
(Les Conduits de Fumée en Boisseaux de Béton) tr. by D. A. Sinclair. 1961. 30p. NRCC Technical Trans. 980.
Order from NRCC $4.00 NRCC C-3837

Trans. of Centre Scientifique et Technique du Bâtiment: [Paris]. Cahiers, 1960, no. 348.

DESCRIPTORS: *Concrete, Mechanical properties, Buildings, Housing, Structures, Construction, Fires, Hazards, Brick, Clays, Walls, Coatings, Joints, Moisture, Fracture (Mechanics).

(Engineering--Civil, TT, v. 8, no. 4)

62-12451

1. Title: Chimneys
I. NRCC TT-980
II. NRCC C-3837
III. National Research Council of Canada

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

The Guiana Space Center, by M. Audebert. 13 pp.
FRENCH, rpt, Le Centre Spatial Guyanais.
NASA TT-F-12,656

sci/space tech
mar 70 404,447

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

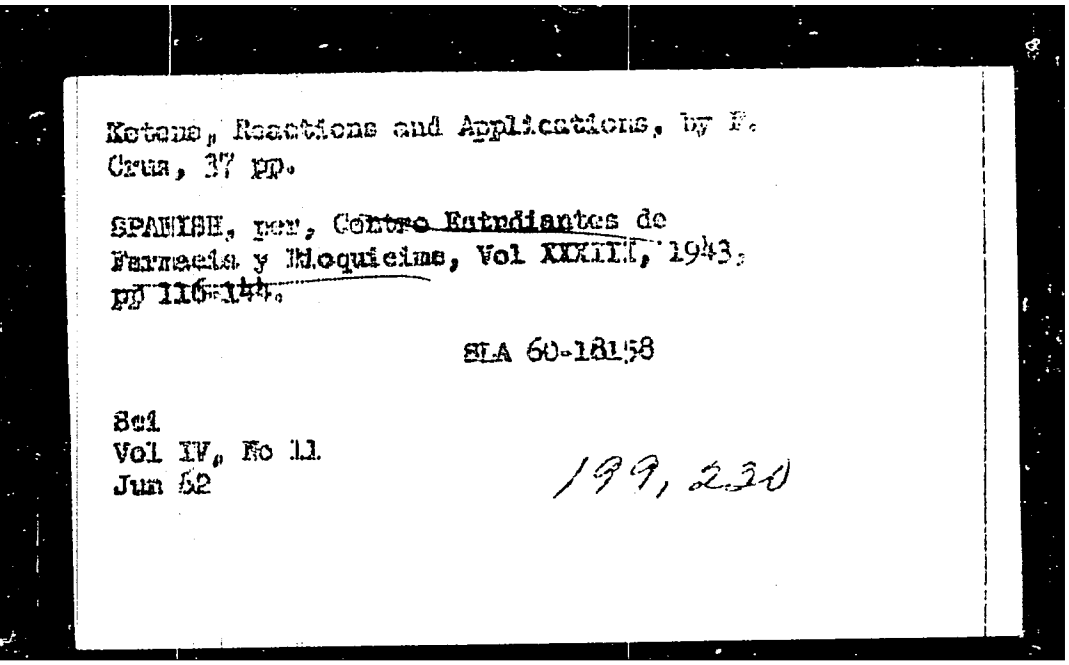
APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Effect of Sonic Booms on the Public
by G. Chevallier, J. Perrochon.
FRENCH, rpt, Centred'Essais en Vol Service
Methodes, DE No Q 1802, 1965, 30p.
NASA TT F-10,709

Sci-;Phys
Mar 67

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7



Ketone, Reactions and Applications, by F. Cruz, 37 pp.

SPANISH, per, Centro Estudiantes de Farmacia y Bioquimica, Vol XXXIII, 1943, pp 116-144.

SLA 60-18158

Sci
Vol IV, No 11
Jun 62

199,230

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Electrolytic Apparatus With Columns for the Recovery of Deuterium by the Exchange Reaction. Parts I-III, by E. Cerri, C. Marchetti, M. Silvestri, S. Villani.

ITALIAN, rpt, Centro Informazioni Studi Esperienze, 1958, Milan, rpt 61-63.

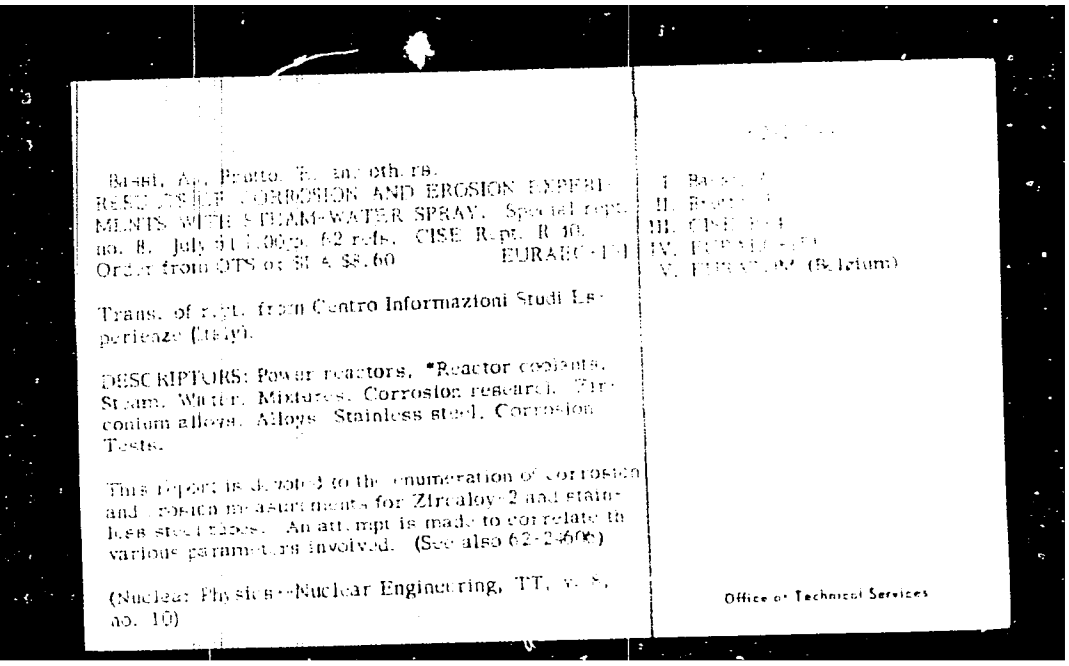
*AEC

Sci - Electron

Apr 59

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7



Baset, Ap. Pratto, F. and others.
RESISTANCE OF CORROSION AND EROSION EXPERIMENTS WITH STEAM-WATER SPRAY. Special rept. no. 8. July 61. 100p. 62 refs. CISE Rept. R 10.
Order from OTS at $1.00 & $3.60 EURAEC-151

Trans. of rept. from Centro Informazioni Studi Esperienze (Italy).

DESCRIPTORS: Power reactors, *Reactor coolants, Steam, Water, Mixtures, Corrosion research, Zirconium alloys, Alloys, Stainless steel, Corrosion Tests.

This report is devoted to the enumeration of corrosion and erosion measurements for Zircaloy-2 and stainless steel tubes. An attempt is made to correlate the various parameters involved. (See also 62-24608)

(Nuclear Physics--Nuclear Engineering, TT, v. 5, no. 10)

I. Baset, A.
II. Pratto, F.
III. CISE Rept. R 10
IV. EURAEC-151
V. [illegible] (Belgium)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

62-24595

TECHNICAL REPORT, PT. A. CAN-1 Quarterly Progress Rept. no. 6 for the Period 1 Jan-31 Mar 61. 15 Apr 61 18p. CISE Rept. R 37.
Order from OTS or SLA $1.10 EURAEC-97

Trans. of rept. from Centro Informazioni Studi Esperienze (Italy).

DESCRIPTORS: [illegible] reactors, [illegible] Reactor cores, Steam-water Mixtures, Heat transfer, Corrosion research, Erosion, [illegible] Fluid flow, Distribution, Stability.

Contents: [illegible]
Introduction
Heat transfer
Flow [illegible]
Corrosion [illegible]
(Subject [illegible] [illegible] [illegible]

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Adorni, N., Bertoletti, S. and others.
RESULTS OF WET STEAM COOLING EXPERIMENTS; PRESSURE DROP, HEAT TRANSFER AND BURNOUT MEASUREMENTS IN ANNULAR TUBES WITH EXTERNAL HEATING. Special rept. no. 4. Dec 60 [58]p. CISE Rept. R 30.
Order from OTS or SLA 58.10 EURAEC-4

Trans. of rept. from Centro Informazioni Studi Esperienze (Italy).

DESCRIPTORS: Power reactors, *Reactor coolants, Steam, Water, Mixtures, Pressure, Reduction, *Heat transfer, Reactor cores, Fuel elements.

(Nuclear Sci... Heat Engineering, ... no. 39)

62-24600

I. Adorni, N.
II. Bertoletti, S.
III. CISE R-30
IV. EURAEC-44
V. EURATOM (Belgium)

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Brutto, E., Cibi, J. and others.
DESIGN AND ASSEMBLY OF A LOOP FOR EXPERIMENTS ON CORROSION AND EROSION PROPERTIES OF FLOWING WET STEAM. Mar 61, declassified 21 Dec 61, 47p. CISE Rept. R 34.
Order from CTS or SLA $4.60 EURAEC-98

Trans. of rept. from Centro Informazioni Studi Esperienze (Italy).

DESCRIPTORS: Light water reactors, *Reactor coolants, Steam, Water, Mixtures, Corrosion research, Erosion, Measurement, Design, Construction, Tests.

The use of a medium and high quality steam-water mixture in dispersed flow as a reactor coolant is desired. The design and construction of the facility for carrying out corrosion-erosion measurements is described. (See also 62-24594)
(Nuclear Physics--Nuclear Engineering, TT, v. 8, no. 10)

62-24606

I. Brutto, E.
II. Cibi, J.
III. CISE R-34
IV. EURAEC-98
V. EURATOM (Belgium)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

63-15639

TECHNICAL REPORT, PT. A. CAN-1 Quarterly Progress Rept. 1 for the Period 1 Nov 59-31 Jan 60. [1962] 41p. CISE R-18; supersedes TID-12454. Order from OTS or SLA $4.60 EURAEC-36

Trans. of a rept. from Centro Informazioni Studi Esperienze, Milan (Italy) 15 Feb 60.

DESCRIPTORS: *Nuclear reactors, *Light water reactors, *Power reactors, *Reactor coolants, *Steam, Aerosols, *Heat transfer, *Heat exchangers, Reactor system components, Corrosion, Control systems, Pressure, Reports.

Research on steam-water mixtures as coolants for light water moderated power reactors was reviewed. Specific topics included heat transfer, loop design, flow stability and distribution, and corrosion and erosion.

(Nuclear Physics--Nuclear Engineering, TT, v. 10, no. 3)

I. Title: CAN-1 ...
II. CISE R-36
III. EURAEC-36
IV. EURATOM (Belgium)
V. TID-12 454 superseded

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

63-15638

TECHNICAL REPORT, PT. A. CAN-1 Quarterly Progress Rept. no. 5 for the Period 1 Nov-31 Dec 60. [1962] 12p. CISE R-32; supersedes TID-12458. Order from OTS or SLA $1.60 EURAEC-40

Trans. of a rept. from Centro Informazioni Studi Esperienze, Milan (Italy) 1 Feb 61.

DESCRIPTORS: Reports, *Scientific research, *Heat transfer, *Fluid flow, Stability, *Corrosion research, *Erosion, Measurement, *Nuclear engineering, Tests.

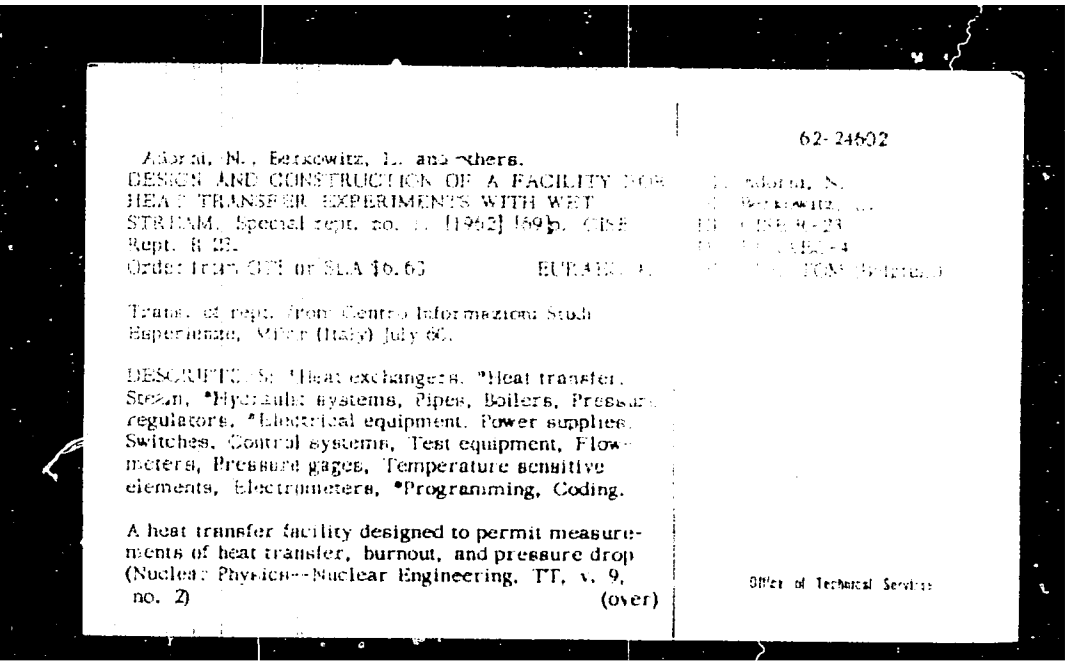
The assembling of the third annular test element designed to permit bilateral heating was completed. To permit further cross checking with the results obtained with the previous annular elements the tests were resumed by applying external heating only on the third element. The experimental facility was then modified (Nuclear Physics--Nuclear Engineering, TT, v. 10, no. 3) (over)

I. Title: CAN-1 ...
II. CISE R-32
III. EURAEC-40
IV. EURATOM (Belgium)
V. TID-12 458 superseded

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7



Adorni, N., Berkowitz, L. and others.
DESIGN AND CONSTRUCTION OF A FACILITY FOR HEAT TRANSFER EXPERIMENTS WITH WET STEAM. Special rept. no. [1962] 169p. CISE Rept. R 33.
Order from OTS or SLA $6.60 BUREAU

Trans. of rept. from Centro Informazioni Studi Esperienze, Milan (Italy) July 60.

DESCRIPTORS: *Heat exchangers, *Heat transfer, Steam, *Hydraulic systems, Pipes, Boilers, Pressure regulators, *Electrical equipment, Power supplies, Switches, Control systems, Test equipment, Flowmeters, Pressure gages, Temperature sensitive elements, Electrometers, *Programming, Coding.

A heat transfer facility designed to permit measurements of heat transfer, burnout, and pressure drop (Nuclear Physics--Nuclear Engineering, TT, v. 9, no. 2) (over)

62-24602

Adorni, N.
[illegible]
[illegible]

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Berkowitz, L., Bertoletti, S. and others.
RESULTS OF WET STEAM COOLING EXPERIMENTS: PRESSURE DROP, HEAT TRANSFER AND BURNOUT MEASUREMENTS WITH ROUND TUBES. Special report no. 2 (CAN-1) on Contract [002-59-11 RDT. [1962] 253p. CISE Rept. R-27; supersedes TID-12 092.
Order from CTS or SLA $16.50 EURAEC-42

Trans. of a rept. from Centro Informazioni Studi Esperienze, Milan (Italy) Oct 60.

DESCRIPTORS: *Heat exchangers, Steam, Cooling, *Heat transfer, Pressure, Analysis, Computers, Nomograms.

Data obtained with the Piacenza heat transfer facility (62-24602) are collected. Calculations were made with the OLIVETTI ELEA 9002 electronic computer. (Author)

(Nuclear Physics--Nuclear Engineering, TT, v. 9, no. 4)

62-33191

I. Berkowitz, L.
II. Bertoletti, S.
III. CISE R-27
IV. EURAEC-42
IV [illegible]
VI. TID-12 092, superseded
VII. Title: CAN-1

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

TECHNICAL REPORT, PT. A. CAN-1 Quarterly Progress Report. for the Period 1 Aug-31 Oct 60. [1962] [12]p. CISE R-28. Order from: TIS or SLA $1.00 EURAEC-39

Trans. of a rept. from Centro Informazioni Studi Esperienze, Milan (Italy) 15 Nov 60.

DESCRIPTORS: Nuclear reactors, Reactor materials, Heat transfer, Corrosion, Erosion, Tests, Reactor lattice parameters, Reciprocating pumps, Fluid flow, Stability.

Work has been directed to the following jobs: heat transfer experiments in annular ducts, collection and elaboration of heat transfer data obtained with the round tubes, refined experiments on flow distribution in the cold argon-water loop, preliminary testing of the instrumentation for the study of flow stability, modification (Nuclear Systems--Nuclear Engineering, TT, v. 9, no. 5)

(over)

63-13139

I. Title: CAN-1. . .
II. CISE R-28
III. EURAEC-39
IV. EURATOM (Belgium)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

TECHNICAL REPORT, PT. A. CAN-1 Quarterly Progress Rept. for the Period 1 May-31 July 60. [1962] [21]p. CISE R-24.
Order from CTS or SLA $2.60 EURAEC-38

Trans. of a rept. from Centro Informazioni Studi Esperienze, Milan (Italy) 31 Aug 60.

DESCRIPTORS: Nuclear reactors, Reactor materials, *Heat transfer, *Corrosion, Erosion, Tests, Reactor lattice parameters, Centrifugal pumps, Fluid flow, Stability.

Work was devoted mainly to run two experimental loops: a heat transfer loop and a flow stability loop. Several minor modifications were performed on these loops, to improve operation. The corrosion and erosion loop began operation only. Its performance is not entirely satisfactory due to instability phenomena.
(Nuclear Physics--Nuclear Engineering, TT, v. 9, no. 5)

63-13140

Title: CAN-1. . .
II. CISE R-24
III. EURAEC-38
IV. EURATOM (Belgium)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

AN ADVANCED RESEARCH PROGRAM ON THE APPLICATION OF STEAM-WATER SPRAY TO THE COOLING OF LIGHT WATER REACTORS. CAN-2 Quarterly report no. 2, 1 Oct-31 Dec 61, on Contract 060-61-7 RDI. [1962] 12p. CISE R-51.
Order from OTS or SLA $1.60 EURAEC-222

Trans. of a rept. from Centro Informazioni Studi Esperienze, Milan (Italy) 15 Jan 62.

DESCRIPTORS: *Light water reactors, Cooling, Heat transfer, Hydrodynamics, Corrosion, Steam, Water, Sprays, Nuclear reactors.

A complete set of experiments was carried out at constant pressure (1,000 psi) with a test element 0.52 cm I.D. Heat transfer coefficient was measured both at the inlet and at the outlet of the heated section. The same
(Nuclear Physics--Nuclear Engineering, TT, v. 9, no. 3)
(over)

62-33162

I. CISE R-51
II. EURAEC-222
III. EURATOM (Belgium)
IV. Title: CAN-2

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Effect of Return Fines on the
Mechanical Strength of Sinter,
by A. A. Alvarez.
SPANISH, per, Centro Nac. Investig.
Met, Vol 17, Apr 1964, pp 359-370.
BISI 4244

Sci/[illegible]
Jul 65

284,681

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Matrix Analyses of Structures and Applications
to Electronic Computers Analyses Matricielles
de Structures et Applications aux Ordinateurs by
Bayrettin Kardestuncer, by
FRENCH, per, Centre National de la Recherche
Scientifique Institut Blaise Pascal Lab.
de Calcul Numerique, Publication [illegible]
4 3/FI, May 1963.
Dept of Navy, NavShips-Tr-1054

PRIOR APPROVAL OF THE CO[illegible] AUTH[illegible],
NAVAL SHIP SYSTEMS COMMAND
Sci - Phys
Nov 67 343,927

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Caldirola, P. and Fiocchi, R.
SEPARATION OF THE ISOTOPES OF URANIUM. CHAP. VII: METHODS FOR GAS SEPARATION OTHER THAN GASEOUS DIFFUSION [Separazione degli Isotopi dell' Uranio]. [1961] [28]p. 7 refs.
Order from SLA $2.60 61-18292

Trans. of [Centro di Studi Nucleari di Ispra, Comitato Nazionale per le Richerche Nucleari (Italy). Rapporto CNI-24, Sep 59] p. 145-163.
Complete translation is available from OTS $2.50 as AEC-tr-4171, 61-11146, Oct 60, 123p.

DESCRIPTORS: *Uranium, *Radioactive isotopes, Separation, Reactor fuels, Nuclear reactions, Costs, *Isotope separation.

(Nuclear Physics--Isotope Separation, TT, v. 7, no. 4)

61-18292

I. Caldirola, P.
II. Fiocchi, R.
III. Title: Methods ...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Giunta, Francisco.
CORROSION CAUSED BY BOILER FEED WATERS (Corrosión Producidas por Aguas de Alimentación de Calderas). [1961] [24]p. (foreign text included).
Order from SLA mi$2.70, ph$4.80 61-10297

Trans. of Centro Químicos Industriales, Revista (Argentina) 1948, v. 3, Dec, p. 11-22.

(Metallurgy--Corrosion, TT, v. 5, no. 11)

61-10297

1. Feed water--Corrosive effects
2. Corrosion--Analysis
I. Giunta, F.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Variations in the Properties of Coated Galvanized Wire as a Function of the Speed, by F. Baldi, A. Pirozzi.
ITALIAN, per, Centro Ricerche e Controlli delle A.F. Italy,
(Rass. 1348)
EHP
CML/T.1573

313,326

Sci - Materials

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

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Graphical and Mechanical Determinations of' Insolation, by J. Dourgnon.
FRENCH, per, Centre Scientifique et Technique du Batiment. Cahiers, Vol. 51, No. 407, 1961, pp 1-33
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Sci -
Aug 67 335-683

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

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Intensity of Solar Radiation: Determination of Amount of Energy Received by Buildings, by P. Chauvel.
FRENCH, per, Centre Scientifique et Technique du Batiment. Cahiers, No. 439, 1962, pp 1-9, CSIRO/No. 6955

Sci -
Aug 67 335-681

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

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Use of C.S.T.B. Solar Diagrams, by P. Chauvel. FRENCH, per, Centre Scientifique et Technique du Batiment. Cahiers, No. 414, 1962, pp 14, CSIRO/No. 6956

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Aug 67 335-682

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Relationship Between Sugar House Practice and the Colour Type of Raw Sugar, an Important Field of Investigation for the Chemist, by E. Gundermann. GERMAN, per, Centr. Zuckerind, No. 22b, 1936, pp 507-509
CSR.Co/

Sci -
July 1967

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Revivification of Bone Char Without Ignition and its Application in White and Raw Sugar Manufacture, by A. Hinze.
GERMANY, per, Cent. Zuckerind, 1938, pp 845-848.
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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

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The Cephalopods. Systematics, by A. Naef.
GERMAN, bk, Die Cephalopoden, Monographie, Fauna und Flora des Golfes von Neapel und der Angrenzenden Meeres-Abschnitte. Zoologischen Station zu Neapel. Berlin, No 35, Pt 1, No 1, 1921, 244 pp.
*CSFTI TT 68-50343/1

Sci/B & M
Feb 68

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

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The Cephalopods. Systematics., by A. Naef.
GERMAN, bk, Die Cephalopoden, Monographie Systematik.
Fauna e Flora del Golfo Di Napoli. Stazione
Zoologica di Napoli. Berlin, No 35, Pt 1, Vol 1,
No 2, 1923, 718 pp.
*CSFTI TT 68-50343/2

Sci/B & A
Feb 68

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

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The Determination of Alkalis by Means of the Flame Photometer, by P. Coraducci,

SPANISH, per, Ceramica, Vol X, No 1, 1955, pp 37-40.

CSIRO 3153

Sci - Phys

192,076

Apr 62

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

The Glaze-Body Interface and Its Influence on the Finished Product, by M. Inzigneri, G. Peco.

SPANISH, per. Ceramica, Vol X. No 3, 1955, pg 39.

ASLIB-GB8

Sci

Jul 59

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Refractory Materials of the Al_2O_3-MgO-SiO_2 System, by Victor R. Palmieri, 13 pp.

[illegible], per, La Ceramica, Vol XIII, No 12, 1957, pp 175-178.

SLA 60-1683

Bel
Vol IV, No 7
May 62

193, 625

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Sintering of Boron Carbide, by C. Ficai.

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(CRL/T.638)

Sci - Chem
Apr 62

191, 412

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

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Plastic Molds for Casting Ceramic Ware, by Franco P. Fornaschi, 7 p.

ITALIAN, per, La Ceramica, 1959, Vol XIV, No 4, pp 71-73.

SLA 60-10031

Sci
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Vol XXI, No 4

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

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Examination of the Microstructure of Two Samples of Alumina Refactories Before and After Use, by F. Massazza, 22 p.
ITALIAN, per, la Ceramica, Vol XV, No 9, 1960, pp 61-68.
SLA TT 66-10686

Sci-M&M
Jun 66

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

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Cini, L.
EFFECT OF WOLLASTONITE ON A BODY OF THE VITREOUS CHINA TYPE. [Jan 64] 6p
Order from ATS $5.50 ATS-52Q73I

Trans. of [Ia] Ceramica (Italy) 1963, v. 18, no. 1, p. 51-60.

DESCRIPTORS: *Wollastonite, *Ceramic materials.

(Materials--Ceramics, TT, v. 11, no. 10)

TT-64-12387

I. Cini, L.
II. ATS-52Q73I
III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Irreconcilable Conflict Between Revolutionary Marxism and Revisionism, by Al. Tanase, 25 pp.
UNCLASSIFIED

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US JPRS/DC-L-685

EE - Rumanie
Pol
Sep 58

73,524

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

(2517-D)

Concerning the Significance of Party Direction of Art and Literature, by Gr. Smeu, 12 pp.

RUMANIAN, per, Cercetari Filozofice, Vol V, No 4, Bucharest, 1958, pp 99-108.

JPRS 612-D

Subj - Rumania
Soc - Culture
Apr 59

85,160

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

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(2517-D)

Marxist Classics on Religion, 11 pp.

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JPRS 612-D

USSR - Rumania
Soc - Culture
Apr 59

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85,161

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

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J-4760 (DC-3041).

The Irreconcilable Opposition Between Science and Religion, by C. Ch. Dimitrin, C. Rusnac, 19 pp.

[redacted], per, Cercetari Filozofice, No 3, Bucharest, 1959, pp 111-128.

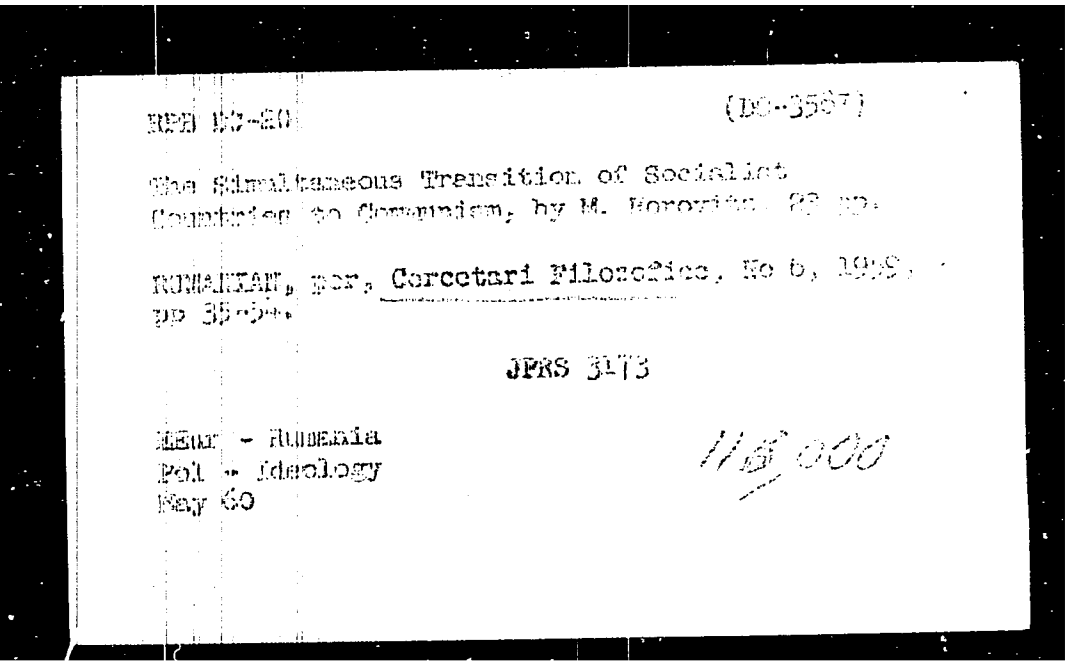
JPRS-L-1913-D

REur - Rumania
Soc
Nov 59

99,664

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7



REPT RS-80 (IC-3567)

The Simultaneous Transition of Socialist Countries to Communism, by M. Roroviţ. 22 pp.

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JPRS 3173

Subj - Rumania
Pol - Ideology
May 60

115 000

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

SEEST (DC-3684)

Problems of the Activity of Departments of Dialectical Materialism and Scientific Socialism in Rumanian Higher Education, by E. B., I. D., 10 pp.

RUMANIAN, per, Cercetari Filozofice, Vol III, No 2, Bucharest, 1960, pp 259-265.

JPRS 3476

EEur - Rumania

Soc - Education

Jul 60

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

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(SF-1512)

Problems of the Interaction of Art and Morality in the Development of Socialist Awareness, by Pavel Cimpeanu, 18 pp.

RUMANIAN, per, Cercetari Filozofice, Vol VIII, No 5, Sep/Oct 1960, pp 81-97.

JPRS 4483

EEur - Rumania

E Soc

Apr 61

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

(RF-1678)

The Role of the People's Councils in the Development of Socialist Democracy, by Al. Tanase, 27 pp.

RUMANIAN, per, Cercetari Filosofice, Vol VII, No 6, 1960, pp 31-56.

JPRS 4579

Eur - Rumania

Pol

May 61

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

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Dec 61

(DC-5387)a)

Rumanian Philosophical Journal Discusses Role of the Party in Developing Socialist Awareness, by Gh. Beresou, I. Dragan, 57 pp.

RUMANIAN, per, Cercetari Filozofice. No 1, Jan/Feb 1961, pp 7-30.

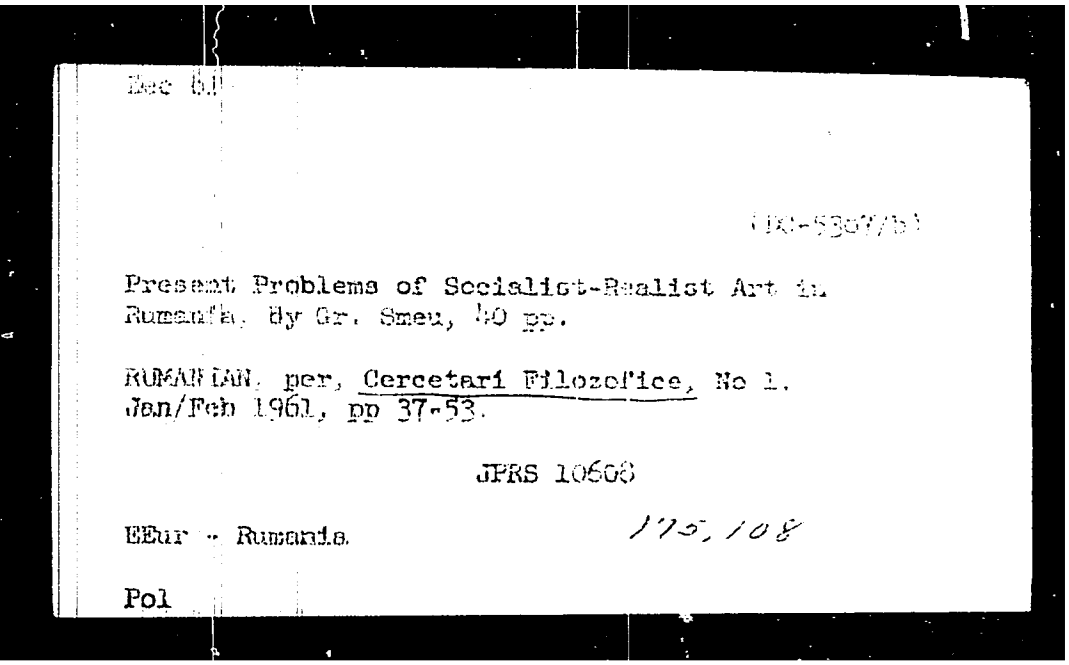
JPRS 10603

175,106

EEur - Rumania

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7



Dec 61

[illegible]

Present Problems of Socialist-Realist Art in Rumania. By Gr. Smeu, 40 pp.

RUMANIAN per, Cercetari Filozofice, No 1. Jan/Feb 1961, pp 37-53.

JPRS 10608

EEur - Rumania

175,108

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

(DC-3000)

Changes Occurring in the Socio-Economic Structure of the Rumanian Population in the Light of Statistical Data, by M. Lupan, 41 pp.

RUMANIAN, per, Cercetari Filosofice, Vol VIII, No 1, Jan-Feb 1961, pp 111-127.

JPRS 11320

EEur - Rumania
Soc
Jan 62

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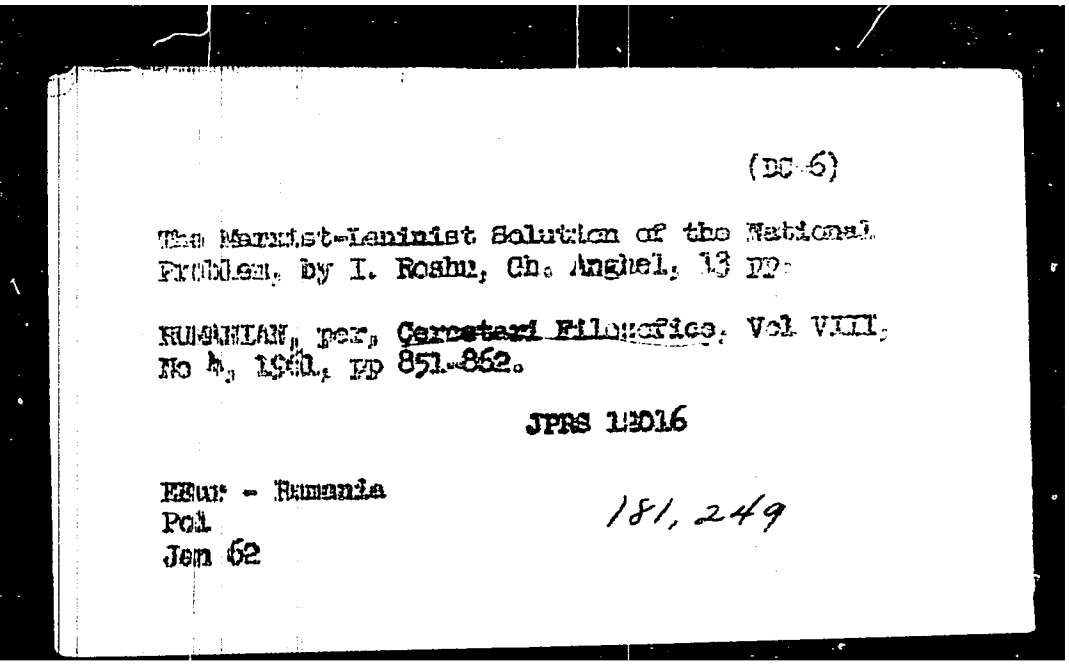
APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7



(DC-6)

The Marxist-Leninist Solution of the National Problem, by I. Roshu, Ch. Anghel, 13 pp.

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JPRS 12016

EEur - Rumania
Pol
Jan 62

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

(DC-6)

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RUMANIAN, PER, CERCETARI FILOZOFICE, VOL VIII, NO 5, 1961, PP 1059-1074.

JPRS 12550

EEUR - RUMANIA
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MAR 62

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

(DC-6)

GROWTH OF THE ROLE OF THE COLLECTIVE IN DEVELOPMENT OF THE SOCIALIST FURIDICAL AND MORAL AWARENESS OF THE WORKERS, BY M. POPOVICI, L6 PP.

RUMANIAN, PER, CERCETARI FILOZOFICE, VOL VIII, NO 5, 1961, PP 1097-1111.

JPRS 12550

EEUR - RUMANIA
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L83,310

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

THE PEOPLES DEMOCRATIC STATE IN THE PRESENT STAGE OF DEVELOPMENT OF SOCIALIST DEMOCRACY IN THE RUMANIAN PEOPLES REPUBLIC, BY MARIA MANTA, 14 PP.

RUMANIAN, PER, CERCETARI FILOZOFICE, VOL IX, NO 6, 1962.

JPRS 17844

EEUR - RUMANIA
POL
MAR 63

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

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On the Reduction of Electric
Power Consumption Through the
Use of Methane Gas-Oxygen Burners
in Electric Steel Furnaces, by
V. Ghilicean.
RUMANIA, per, Cercetari Met, No 3,
pp 177-181.
BISI 4476

Sci-M/M
Oct 65

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

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Report on the Acitivity of the Center in 1955,
by France Charbonnages de France.

FRENCH, rpt, Cerchar Report, 1955, pp 55-98.

Dept of Int,
Bur of Mines,
Br of Bit Coal Res,
Wash, D. C.

Snl - Fuels
Nov 58

76,661

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

On a Cerebro-Psychic Radiation Phenomenon as a Means of Psychophysical Exploration,
by Ferdinando Cazzamalli.
ITALIAN, per, I. L. Cervello, Radiante, 1960,
pp 125-152.
ERDL, Ft Belvoir T-1695
(AD - 422217)

Sci - B & M Sci
Oct 64

267,616

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Electromagnetic Phenomena Which Radiate From the Human Brain During Intense Psychosensorial Activity From Dreamy, Hallucinatory and Telepsychic States, by Ferdinando Cazzamalli.
ITALIAN, per, I. L. Cervello, Radiante, 1960, pp 153-201.
ERDL, Ft Belvoir T-1696
(AD-422218)

Sci - B & M Sci
Oct 64

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Infrared on a Sulphur Emulsion Base, 3 pp.
CZECHi, rpt, Cervene Zareni na Bazi Sirniku
Zinecnatého.
ACSI I-6428
ID 2204000965

Sci - Phys
Mar 55

276,984

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Influence of the External Environment on the Preinvasive Stages of the Lungworm Mullerius Capillaris Muller, 1889, by B. Erhardova. CZECH, per, Cesk Biol, Vol 2, No 1, 1953, pp 33-36.
HEW-NIH (Only on Loan)
11-35-67

Sci-B and M
Jan 68

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

Statistical Analysis of Blindness in Opava District as Obtained by Survey, by J. STEFEK, et al.
CZECH, per, Cesk Oftal , 19: 5, 338-342, 1963.
Dept HEW, NIH , 8-27-65

Sci-Biol & Med
Oct 65 290,308

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800001-7

On Analogies of the Personal difference between Both Eyes and the Retinal Points of the Same Eye, by Dvorak, 22 pp.
CZECH, rpt, Ceska Spolecnost Nauk Sitsungsberichte, No 6, 1872, pp 65-74.
CFSTI TT-61-14621

Sci- B/M
Jul 66

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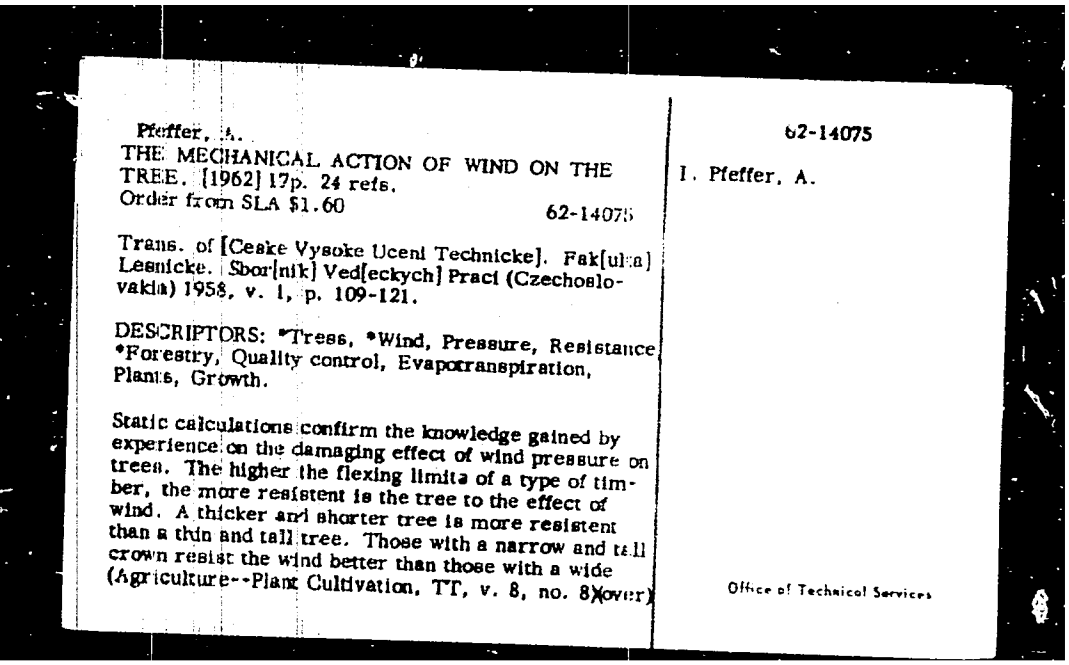

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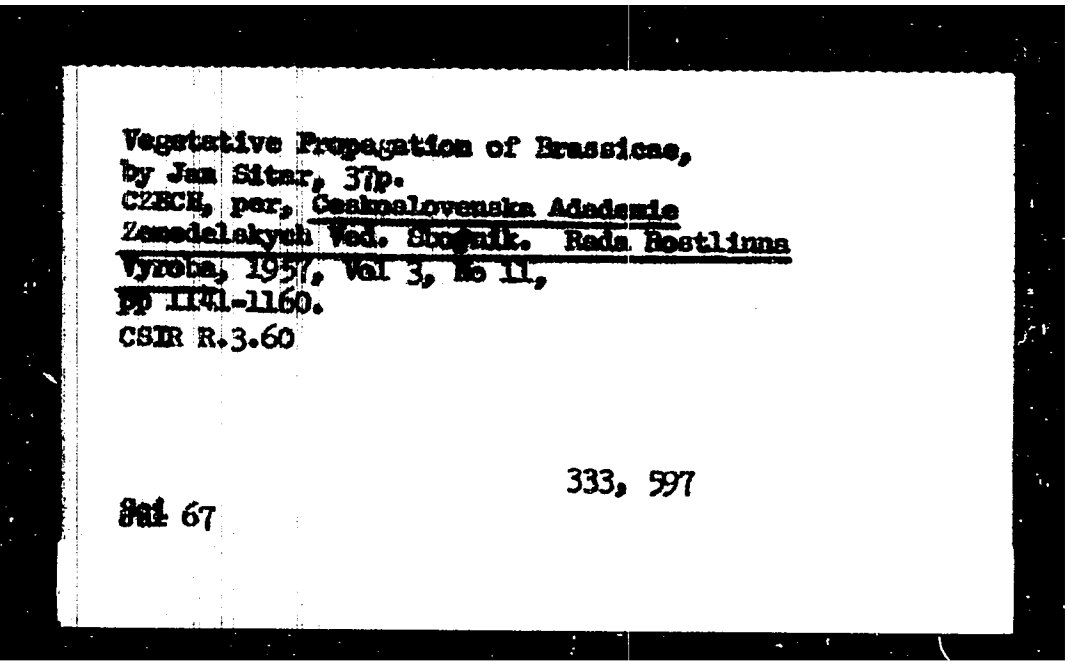

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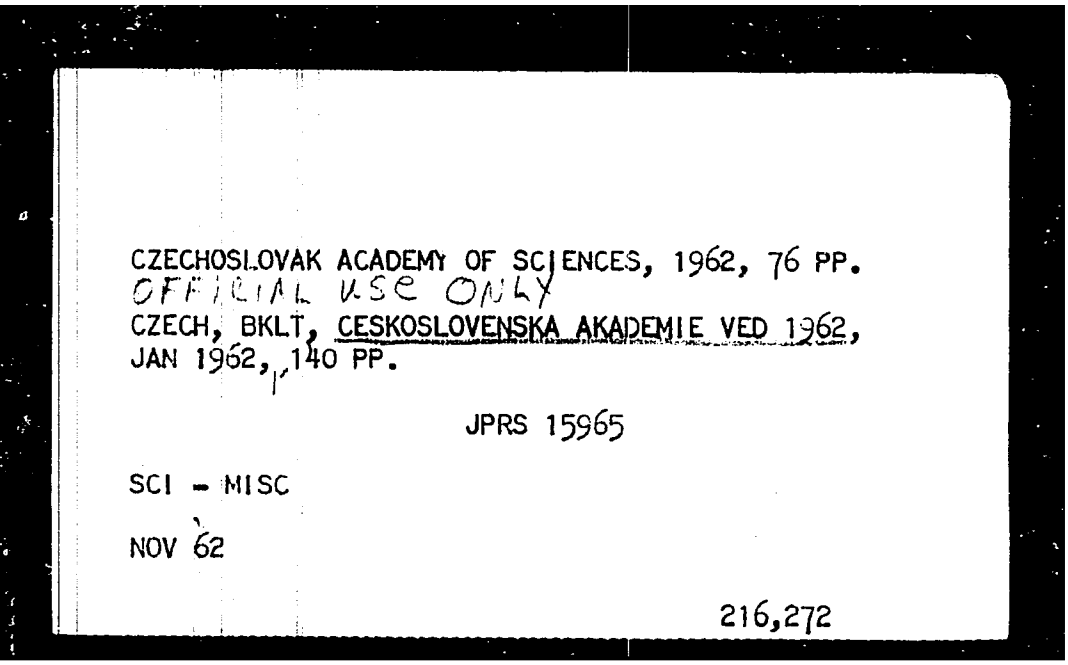

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